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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES* JANUARY 1946

READ CAREFULLY. Any five of the nontechnical publications listed, unless marked for sale only, may be obtained free as long as the supply lasts. Free distribution of technical material and periodicals is restricted.

Publications will reach you sooner if you use the label attached to page 3 of this list for ordering. List publications wanted in numerical order and write your name and address plainly. Detach label and return in stamped envelope to: Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

Publications cannot be sent free if more than five are wanted or if request comes from a foreign correspondent. In such cases request and remittance should be addressed Superintendent of Documents, Government Printing Office, Washington 25, D. C. Foreign correspondents should add one-third of the cost of publications to defray postage charges.

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BULLETIN OF THE MONTH

"The Balance Sheet of Agriculture." Miscellaneous Publication 583.

The purpose of the balance sheet is to contribute to an understanding of the financial condition of agriculture viewed not in its separate parts but as a single industry. A broad survey and analysis of the balance sheet as a whole and of the income situation are followed by a brief discussion of each principal element. Finally consideration is given to the significance of the balance sheet to the reconversion and postwar period.

AGRICULTURAL INFORMATION SERIES

Forestry and jobs. Forest Service. 8 p., illus. (AIS-34.)

Discusses the role forests can play in offering opportunities for both temporary and permanent jobs in the postwar period.

Longer life for poles and posts. Extension Service and Bureau of Entomology and Plant Quarantine. Folder, illus. (AIS 36.)

Tells how and when to treat poles and posts with chemicals to increase natural durability.

Blue mold control in tobacco beds. Edward E. Clayton. Bureau of Plant Industry, Soils, and Agricultural Engineering. Folder, illus. (AIS-37.)

Blue mold is a serious plant-bed problem throughout the flue-cured tobacco area. In most other areas it is also more or less destructive. Growers in Georgia, South Carolina, and North Carolina who do not use blue mold control treatment often lose half to nearly all their plants. Control methods recommended in this pamphlet would do much to cut down this loss.

Public improvements for your community. Leonard F. Miller and John F. Timmons. Federal Extension Service and Bureau of Agricultural Economics. 8 p., illus. (AIS-38.)

The purpose of this pamphlet is to suggest how your community might proceed in getting its plans ready for building needed public improvements.

7 steps to help you face the future with cotton. U. S. Department of Agriculture and State Extension Services of the South cooperating. Folder, illus. (AIS-41.)

Here are seven steps that will help you. They lead to balanced farming, efficient production, better cotton, and higher profits.

CIRCULARS

Natural replacement of weed hosts of the beet leafhopper as affected by rodents.

R. L. Piemeisel. Bureau of Plant Industry, Soils, and Agricultural Engineering. 48 p., illus. (Circular 739C.) Price 30¢.

The observations reported and interpreted in this circular demonstrate that in addition to burning, plowing, and excessive grazing, the feeding by rodents is a factor that in some instances disrupts plant succession and thereby retards the natural replacement of weed hosts of the insect vector of the curly top virus.

*Compiled by Savanna D. Pierce, Office of Information.

The farm real estate situation, 1944-45. M. M. Regan, A. R. Johnson, and Fred A. Clarenbach. Bureau of Agricultural Economics. 47 p., illus. (Circular 743C.) Price 10¢.

This circular gives the farm real estate situation for the 12-month period ending about March 1 for farm land, together with buildings and other permanent improvements.

FARMERS' BULLETINS

Feeding horses. J. O. Williams and N. R. Ellis. Bureau of Animal Industry. 18 p. (Farmers' Bulletin 1030F., rev.) Price 10¢.

This revised bulletin suggests certain feed combinations which approximately meet the needs of horses under varying conditions and reviews such factors of feeding as tend to make the horse more efficient.

Dairy cattle judging. A. B. Nystrom. Bureau of Dairy Industry. 29 p., illus. (Farmers' Bulletin 1769F., rev.) Price 10¢.

The ability to select good dairy animals by their appearance and to appraise differences in conformation is desired by all breeders. Any person can improve his ability as a stock judge by observing some of the fundamental rules presented in this revised bulletin.

MISCELLANEOUS PUBLICATIONS

Careers in forestry. Forest Service. 23 p., illus. (Miscellaneous Publication 249M., rev.) Price 10¢.

This revised publication deals primarily with careers in technical forestry, the practice of which calls for professional training comparable to that of engineers, lawyers, and other professional men.

The National Turkey Improvement Plan. Bureau of Animal Industry in cooperation with representatives of the official State agencies, the National Turkey Federation, and turkey breeders and hatcheries. [27] p., illus. (Miscellaneous Publication 555M., rev.) Price 10¢.

The primary objectives of the National Turkey Improvement Plan are to improve the production and market quality of turkeys and to reduce losses from disease. This publication gives the regulations under which the plan operates.

High-level food consumption in the United States. Willard W. Cochrane. Bureau of Agricultural Economics. 48 p., illus. (Miscellaneous Publication 581M.) Price 10¢.

The objective of this study is to define an attainable high-level food consumption for the United States and to estimate the quantities of food involved.

The balance sheet of agriculture, 1945. Alvin S. Tostlebe, Donald C. Horton, Roy J. Burroughs, Harald C. Larsen, Lawrence A. Jones, under the direction of Norman J. Wall. Bureau of Agricultural Economics. 44 p., illus. (Miscellaneous Publication 583M.) Price 10¢. See page 1.

Looking ahead with cotton: Some trends and some choices. Bureau of Agricultural Economics and Extension Service. 22 p., illus. (Miscellaneous Publication 584M.) Price 10¢.

First of the basic steps toward improving the cotton situation is fitting cotton into a balanced southern economy. Achieving such a balance concerns far more than good rotation, wise use of the soil, and other phases of efficient farm management on individual farms. It concerns how much cotton the South should grow, where and how it should be grown, and what kind of prices the farmers should expect for it.

SERVICE AND REGULATORY MATERIAL

Gypsy moth and brown-tail moth quarantine. Bureau of Entomology and Plant Quarantine. Revision of quarantine and regulations effective October 10, 1945. 6 p. (B. E. P. Q.-Q. 45.)¹

Mexican fruitfly quarantine. Bureau of Entomology and Plant Quarantine. Revision of quarantine and regulations effective November 26, 1945. 4 p. (B. E. P. Q.-Q. 64.)¹

Rules and regulations of the Secretary of Agriculture governing the inspection and certification of dressed poultry and dressed domestic rabbits and edible products thereof for condition and wholesomeness. Production and Marketing Administration. 9 p. (S. R. A.-P. M. A. 131 revised.)¹

Service and regulatory announcements. Bureau of Animal Industry. November 1945. Pp. 63-67. (S. R. A.-B. A. I. 463.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.²

Service and regulatory announcements. Bureau of Entomology and Plant Quarantine. April-June 1945. Pp. 19-38. (S. R. A.-B. E. P. Q. 163.)¹

Service and regulatory announcements. Bureau of Entomology and Plant Quarantine. July-September 1945. Pp. 39-50. (S. R. A.-B. E. P. Q. 164.)¹

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

TECHNICAL BULLETINS

Effect of variety, location, and season on oil, protein, and fuzz of cottonseed and on fiber properties of lint. O. A. Pope and J. O. Ware. Bureau of Plant Industry, Soils, and Agricultural Engineering. 41 p., illus. (Technical Bulletin 903T.) Price 10¢.

A general report on this whole study is being prepared for publication, but since information on oil, protein, linters, and fiber properties is urgently needed, this summary of results on these variables is being presented in advance of the general report.

Biology and control of the American dog tick. Carroll N. Smith, Moses M. Cole, and Harry K. Gouck. Bureau of Entomology and Plant Quarantine. 74 p., illus. (Technical Bulletin 905T.) Price 20¢.

The American dog tick is an important pest of dogs and a dangerous carrier of disease. It is widely distributed east of the Rocky Mountains and also occurs in California. The biological studies here reported were based on field observations and laboratory rearings at Martha's Vineyard, Mass.

OTHER PUBLICATIONS

Cotton quality statistics, United States, 1944-45. Production and Marketing Administration. 62 p., illus. (CS-15.)

The title is self-explanatory.

Report of the Administrator of the Rural Electrification Administration, 1945. Claude R. Wickard. 28 p. Price 10¢.

Report of the Chief of the Agricultural Adjustment Agency, 1945. J. B. Hutson. 39 p. Price 10¢.

Report of the Chief of the Bureau of Agricultural Economics, fiscal year 1945. Howard R. Tolley. 23 p. Price 10¢.

Report of the Chief of the Forest Service, 1945. Lyle F. Watts. 35 p. Price 10¢.

Report of the Director of Personnel, 1945. T. Roy Reid. 11 p. Price 5¢

PERIODICALS

The agricultural situation. Vol. 29, No. 12, December 1945; Vol. 30, No. 1, January 1946. Price 5¢ a copy, 5¢ a year, domestic; 70¢ a year, foreign.²

Agriculture decisions. Vol. 4, No. 10. October 1945. Price of single copies varies depending on size. \$2.00 a year.²

Agriculture in the Americas. Vol. VI, No. 1. January 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.²

Bibliography of agriculture. Vol. 8, No. 1. January 1946. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.²

Consumers' guide. Vol. XII, No. 1. January 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.²

Experiment station record. Vol. 94, No. 1. January 1946. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25. Foreign subscription per volume, \$2.00 a year. Single numbers 20¢ a copy.²

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Publica- tion No.	Series	Title

Extension service review for January 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

Foreign agriculture. Vol. 10, No. 1. January 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.²

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.² Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign. The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

— Vol. 72, No. 1. January 1, 1945. Illus. Contents:

Influence of light and temperature on sugarcane and erianthus (Key No. G-1341). John I. Lauritzen, E. W. Brandes, and Julius Matz.

The Argentine curly top of sugar beet (Key No. G-1344). C. W. Bennett, Eubanks Carsner, G. H. Coons, and E. W. Brandes.

— Vol. 72, No. 2. January 15, 1945. Illus. Contents:

Relation of temperature to reproduction in sugar beets (Key No. G-1343). Myron Stout.

Envirional factors affecting downy mildew of cabbage (Key No. Wis.-152). Matthias W. Felton and J. C. Walker.

Differential bactericidal activity of bovine serum toward *Brucella abortus* of high and low virulence (Key No. Wis.-151). M. R. Irwin and B. A. Beach.

News for farmer cooperatives. Vol. 12, No. 10. January 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.²

Rural electrification news. Vol. 11, No. 5. January 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

Soil conservation. Vol. XI, No. 7. January 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.50 a year, foreign.²

MOTION PICTURES

THE HOME PLACE. (3 reels, 16 mm. and 35 mm., sound, black and white. Released 1941). The American farmstead, stronghold of human liberty—its history and social significance. This film presents views of many historic rural homes, from New England to California; points out that they have all been created and maintained by a lavish expenditure of sweat and elbow grease, and that the farm home is of prime importance in our civilization. Of general interest, with special appeal to students of rural domestic architecture.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 71 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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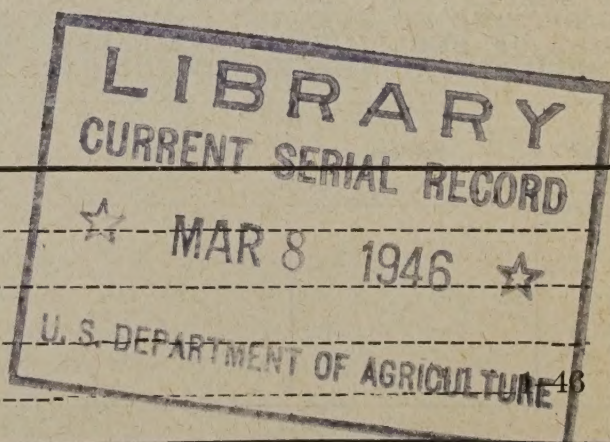
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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

FEBRUARY 1946

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BULLETIN OF THE MONTH

"Foods—Enriched, Restored, Fortified." Agricultural Information Series 39.

This leaflet is a round-up of information on the why, how, and present status of adding or returning essential nutrients to staple foods. It is for the use of nutrition committee chairmen, home demonstration leaders, teachers, and others working with groups interested in nutrition study.

AGRICULTURAL INFORMATION SERIES

Foods—enriched, restored, fortified. Bureau of Human Nutrition and Home Economics. [16] p., illus. (AIS-39.) See above.

Root vegetables in everyday meals. Bureau of Human Nutrition and Home Economics. Folder, illus. (AIS-42.)

These recipes were previously published under the title "Root Vegetables in Wartime Meals."

Green vegetables in everyday meals. Bureau of Human Nutrition and Home Economics. Folder, illus. (AIS-45.)

These recipes were previously published under the title "Green Vegetables in Wartime Meals."

CIRCULARS

Cold storage for apples and pears. W. V. Hukill and Edwin Smith. Bureau of Plant Industry, Soils, and Agricultural Engineering. [64] p., illus. (Circular 740C.) Price 15¢.

A non-technical presentation of the essential features in the design and operation of cold-storage plants and the handling of stored apples and pears.

Canker stain of planetrees. James M. Walter. Bureau of Plant Industry, Soils, and Agricultural Engineering. 12 p., illus. (Circular 742C.) Price 5¢.

In this circular the essential facts about this disease are presented; the precautions necessary to bring it under economic control are emphasized.

Handling and shipping early potatoes. D. H. Rose. Bureau of Plant Industry, Soils, and Agricultural Engineering. 44 p., illus. (Circular 744C.) Price 10¢.

The title is self-explanatory.

*Compiled by Eleanor W. Clay, Office of Information.

FARMERS' BULLETINS

Lespedeza culture and utilization. Roland McKee. Bureau of Plant Industry, Soils, and Agricultural Engineering. 14 p., illus. (Farmers' Bulletin 1852F., rev.) Price 5¢.

This revised bulletin describes the culture and utilization of lespedeza, a crop grown for hay, pasturage, and soil improvement.

MISCELLANEOUS PUBLICATIONS

Federal legislation, regulations, and rulings affecting cooperative extension work in agriculture and home economics. Extension Service. 61 p. (Miscellaneous Publication 285M., rev.) Price 15¢.

This revised publication makes available in ready reference form, legislation affecting cooperative extension work and covers the relationship of cooperative extension workers to the Department of Agriculture.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements. Bureau of Animal Industry. December 1945. Pp. 69-72. (S. R. A.-B. A. I. 464.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

White-fringed beetle quarantine. Bureau of Entomology and Plant Quarantine. Revision of quarantine regulations effective December 12, 1945. 8 p. (B. E. P. Q.-Q. 72)²

OTHER PUBLICATIONS

Annual report on tobacco statistics, 1945. Production and Marketing Administration. 97 p., illus. (CS-16).

Report of the Chief of the Bureau of Agricultural and Industrial Chemistry, Agricultural Research Administration, 1945. Orville E. May. 39 p.

Report of the Chief of the Bureau of Animal Industry, Agricultural Research Administration, 1945. A. W. Miller. 50 p. Price 15¢.

Report of the Chief of the Bureau of Dairy Industry, Agricultural Research Administration, 1945. O. E. Reed. 17 p. Price 10¢.

Report of the Chief of the Bureau of Entomology and Plant Quarantine, Agricultural Research Administration, 1945. P. N. Annand. 63 p.

Report of the Chief of the Bureau of Human Nutrition and Home Economics, Agricultural Research Administration, 1945. Hazel K. Stiebeling. 12 p. Price 5¢.

Report of the Chief of the Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, 1945. Robert M. Salter. 38 p.

Report of the Chief of the Office of Experiment Stations, Agricultural Research Administration, 1945. James T. Jardine. 10 p. Price 5¢.

Report of the Chief of the Soil Conservation Service, 1945. H. H. Bennett. 55 p. Price 15¢.

Report of the Director of the Office of Marketing Services, 1945. C. W. Kitchen. 92 p.

Report of the Manager of the Federal Crop Insurance Corporation, 1945. J. Carl Wright. 25 p. Price 5¢.

Report of the Secretary of Agriculture, 1945. Clinton P. Anderson. 167 p. Price 30¢.

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Agriculture decisions. Vol. 4, No. 11. November 1945. Price of single copies varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.¹

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Vol. 72, No. 3. February 1, 1946. Illus. Contents:

Analysis of fire spread in light forest fuels (Key No. F-103). Wallace L. Fons.

A comparison of the chemical composition of diploid and tetraploid corn (Key No. U-1). G. H. Ellis, L. F. Randolph, and G. Matrone.

The relation of test weight and protein content to the milling and baking quality of hard red spring wheat hybrids (Key No. N. Dak.-21). R. H. Harris and L. R. Waldron.

News for farmer cooperatives. Vol. 12, No. 11. February 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Soil conservation. Vol. XI, No. 8. February 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

THE FARM GARDEN (2 reels, 16 mm., sound; in color; released 1943. 21 minutes.) Presents the fundamentals of gardening: Planning a garden; preparation of the ground; when and how to plant the seeds; treating to prevent rot

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CAUTION

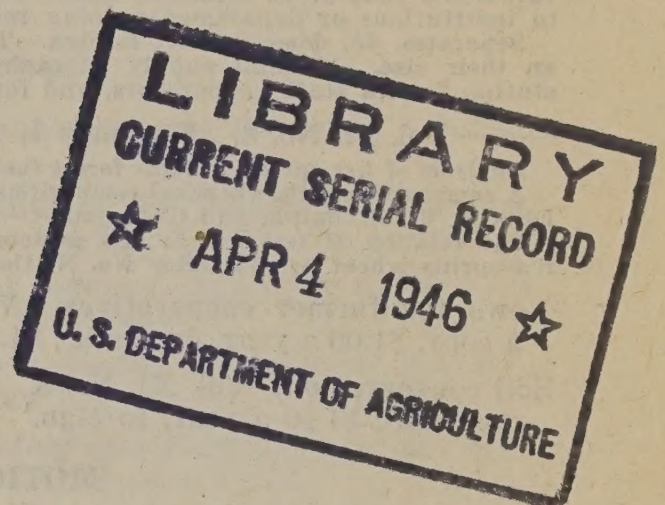
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and blights; transplanting young plants; thinning; cultivating; garden pests and diseases; how to control them; the rewards of good gardening.

FOR HEALTH AND HAPPINESS. (1 reel, 16 mm., silent and sound; in color; released 1941. 11 minutes.) Discusses the vital bearing good nutrition has on human health and happiness. Outlines food requirements for various age levels; shows scenes of well-nourished children from infancy to youth, and the food groups that contribute to all-round development.

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FAMINE EMERGENCY CAMPAIGN

Latest reports from all parts of the world show that the food shortage in Europe and Asia has developed into an international crisis. Every citizen must help if we are to prevent mass starvation in other parts of the world. The duty of the American family in this emergency is to conserve, produce, and preserve. Ask for copies of:

NFC 12 "Cut Food Waste."

MP 538 "Growing Vegetables in Town and City."

AWI 93 "Home Canning of Fruits and Vegetables."

AGRICULTURAL INFORMATION SERIES

Social security for farm people: Questions and answers. U. S. Department of Agriculture in cooperation with the Social Security Board, Federal Security Agency. 14 p. (AIS-45.)

Problems and issues involved in the extension of social security benefits to farm people are brought out in question and answer form.

Food crops need—phosphate. Production and Marketing Administration. Folder, illus. (AIS-46.)

This folder explains how the Agricultural Conservation Program can help meet the phosphorus needs of your soil.

FARMERS' BULLETINS

The pea weevil and methods for its control. T. A. Brindley, J. C. Chamberlin, F. G. Hinman, and K. W. Gray. Bureau of Entomology and Plant Quarantine in cooperation with the Idaho, Oregon, and Washington Agricultural Experiment Stations. 24 p., illus. (Farmers' Bulletin 1971F.) Price 10¢.

The pea weevil is one of the most injurious insect pests of the cultivated peas in the United States. It attacks all varieties of edible and field peas. Sources of infestation, life history, and methods of control are given.

MISCELLANEOUS PUBLICATIONS

Color measurement and its application to the grading of agricultural products.

Dorothy Nickerson. Production and Marketing Administration. 62 p., illus. (Miscellaneous Publication 580M.) Price 25¢. Free distribution restricted.

This publication is intended as a general introduction to color measurement for those interested in the subject as it relates to grading work, and it is also intended as a handbook on the method of disk colorimetry.

Air transport of agricultural perishables. Interbureau Committee on Postwar Programs. 44 p., illus. (Miscellaneous Publication 585M.) Price 10¢.

The potential usefulness of the airplane for the transportation of agricultural perishable commodities is discussed.

*Compiled by Eleanor W. Clay, Office of Information.

Directory of U. S. register of merit sires and dams qualifying under the National Poultry Improvement Plan, 1943-1944. Bureau of Animal Industry. 62 p. (Miscellaneous Publication 587M.) Price 10¢. Free distribution restricted.

An annual directory of sires and dams that met the qualifications of the National Poultry Improvement Plan during 1943-44.

What peace can mean to American farmers: Agricultural policy. Bureau of Agricultural Economics. 41 p. (Miscellaneous Publication 589M.) Price 10¢.

This fourth and last report of a series dealing with what peace can mean to American farmers is concerned with issues that will arise in the formulation of a long-range national farm program.

How to tailor a woman's suit. Margaret Smith. Bureau of Human Nutrition and Home Economics. 24 p., illus. (Miscellaneous Publication 591M.) Price 10¢.

Gives detailed instructions for tailoring a suit.

Radio handbook for extension workers. C. A. Bond and W. H. Zipf. Extension Service. 21 p., illus. (Miscellaneous Publication 592M.) Price 15¢. Free distribution restricted.

Of particular interest to extension workers who utilize radio as a means of disseminating information of interest to rural people.

Facts about cotton and southern farming. U. S. Department of Agriculture. 64 p., illus. (Miscellaneous Publication 594M.) Price 15¢.

Background information on the relation of cotton to the south for farm leaders.

SERVICE AND REGULATORY MATERIAL

Index to service and regulatory announcements, January-December 1945. Bureau of Animal Industry.¹

Modification of black stem rust quarantine and regulations. Effective February 1, 1946. Bureau of Entomology and Plant Quarantine. (BEPQ-Q.38, Amdt. 1.)¹

SOIL SURVEYS

Tennessee, Lincoln County. (Series 1937, No. 16.) 135 p., illus. Price 65¢.

TECHNICAL BULLETINS

Changes in lemons during storage as affected by air circulation and ventilation. E. M. Harvey. Bureau of Plant Industry, Soils, and Agricultural Engineering. 32 p., illus. (Technical Bulletin 908T.) Price 10¢.

The title is self-explanatory.

The genetics, physiology, and economic importance of the multinipple trait in sheep. Ralph W. Phillips, Ralph G. Schott, and Damon A. Spencer. Bureau of Animal Industry. 16 p., illus. (Technical Bulletin 909T.)

The results of this study indicate that the multinipple character makes little contribution to the milk supply of the lamb.

Marketing and manufacturing margins for tobacco. L. D. Howell and Wade P. Young. Bureau of Agricultural Economics. 56 p., illus. (Technical Bulletin 913T.) Price 10¢.

This is a technical report, mostly statistical, showing the differences between prices paid to the farmers and those paid by consumers for tobacco.

OTHER PUBLICATIONS

Conference report on—the contribution of extension methods and techniques toward the rehabilitation of war-torn countries, Washington, D. C., September 19-22, 1944. Extension Service and Foreign Agricultural Relations. 239 p. Free distribution restricted.

A permanent record of the Conference.

Report of the Administrator of Agricultural Research, 1945. P. V. Cardon. 238 p. Price 35¢.

Report on the Agricultural Experiment Stations, 1945. Office of Experiment Stations. 172 p. Price 20¢.

¹ These may be obtained from the issuing bureau.

So you want to farm? Farm Credit Administration. 8 p., illus. (F. C. A.-C. 31.)¹
Credit service offered by the land bank system to returning veterans is discussed.

Title pages for Technical Bulletins Nos. 876-900 with contents. Office of Information.

PERIODICALS

The agricultural situation. Vol. 30, No. 2, February 1946; Vol. 30, No. 3. March 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.²

Agriculture decisions. Vol. 4, No. 12. December 1945. Price of single copy varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.²

Agriculture in the Americas. Index to Vol. V—1945. Office of Foreign Agricultural Relations.¹

Agriculture in the Americas. Vol. VI, No. 3. March 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.²

Bibliography of agriculture. Vol. 8, No. 3. March 1946. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.²

Consumers' guide. Vol. XII, No. 3. March 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.²

Crops and markets. Vol. 23, No. 1. January 1946. Price 10¢ a copy, 40¢ a year, domestic; 55¢ a year, foreign.²

Extension service review. Vol. 17, No. 3. March 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

Foreign agriculture. Index to volume IX—1945. Office of Foreign Agricultural Relations.¹

Foreign agriculture. Vol. 10, No. 3. March 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.²

Journal of agriculture research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.² Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign. The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

— Vol. 72, No. 4. February 15, 1946. Illus. Contents:

Influence of carbohydrate levels and root-surface microfloras of phymatotrichum root rot in cotton and maize plants (Key No. G-1345). Frank M. Eaton and Neil E. Rigler.

Loss of furfural-yielding constituents from wheat straw on treatment with alcoholic and aqueous sodium hydroxide solutions (Key No. E-98.) H. D. Weihe and Max Phillips.

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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Publica- tion No.	Series	Title

Journal of agriculture research. Vol. 72, No. 5. March 1, 1946. Illus. Contents:

Carotene content of the corn plant (Key No. Wis.-157). John W. Porter, F. M. Strong, R. A. Brink, and N. P. Neal.

Leaf elongation and fruit growth of the Deglet Noor date in relation to soil-moisture deficiency (Key No. G-1346.) W. W. Aldrich, C. L. Crawford, and D. C. Moore.

— Vol. 72, No. 6. March 15, 1946. Illus. Contents:

Final results of the Duvel buried seed experiment (Key No. G-1348). E. H. Toole and E. Brown.

Checking of fruits of the Deglet Noor date in relation to water deficit in the palm (Key No. G-1349). W. W. Aldrich, J. R. Furr, C. L. Crawford, and D. C. Moore.

Land policy review. Vol. IX, No. 1. Spring 1946. Quarterly. Price 10¢ a copy, 30¢ a year.²

News for farmer cooperatives. Vol. 12, No. 12. March 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.²

Rural electrification news. Vol. 11, No. 6. February 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.50 a year foreign.²

Soil conservation. Vol. XI, No. 9. March 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.²

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FREEDOM AND FAMINE. 1 reel, 16 mm. sound; produced by RKO Pathe, Inc., for the United States Government and distributed through cooperating film libraries by the President's Famine Emergency Committee and the United States Department of Agriculture. An appeal to free men to take recognition of the plight of war-torn Europe.

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MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

APRIL 1946

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BULLETIN OF THE MONTH

"Peacetime Adjustments in Farming." Miscellaneous Publication 595.

A cooperative study by the land-grant colleges and the Department regarding farming possibilities under prosperity conditions.

AGRICULTURAL INFORMATION SERIES

Farmer Jones' timber crop. Extension Service and Forest Service. 15 p. illus. (AIS-35.)

This folder describes the assistance Farmer Jones received from his county agent and local forester.

Water for the modern farmstead. Rural Electrification Administration. [4] p., illus. (AIS-44.)

This folder gives a plan for a modern electrical farm water-system.

U. S. meat stamps. Production and Marketing Administration. Folder, illus. Supersedes Unnumbered Publication, U. S. Meat Stamps. (AIS-47.)

A folder showing the inspection stamp used by the Meat Inspection Service and the meat grade stamp used by the Meat Grading Service.

Youth learns and earns while helping on farms with the Victory Farm Volunteers. Extension Service and U. S. Office of Education cooperating. Folder, illus. (AIS-50.)

The 1946 Victory Farm Volunteer program for urban youth is outlined.

Youth can help. Extension Service. Folder, illus. (AIS-51.)

A folder discussing the program of using city and town boys and girls to help the Nation meet the farm-labor shortage this year.

CIRCULARS

Methyl bromide as a delousing agent. Randall Latta, Henry H. Richardson, and James B. Kindler, Bureau of Entomology and Plant Quarantine. 40 p., illus. (Circular 745C.) Price 10¢.

The development of applying methyl bromide as a fumigant for delousing clothing and equipment is described. Results of experiments with various dosages are given.

The lily weevil, a potentially serious pest in the Pacific Northwest. Charles F. Doucette and Randall Latta. Bureau of Entomology and Plant Quarantine. 24 p., illus. (Circular 746C.) Price 10¢.

The history, economic importance, and recommendations for field control are given so that lily-bulb producers in the Pacific Northwest may avoid serious losses.

*Compiled by Eleanor W. Clay, Office of Information.

Judging mountain meadow range condition in eastern Oregon and eastern Washington. Elbert H. Reid and G. D. Pickford, Forest Service. 31 p., illus. (Circular 748C.) Price 10¢.

Methods of judging the condition of mountain meadow range, and practices designed to improve deteriorated ranges in the Pacific Northwest are given.

MISCELLANEOUS PUBLICATIONS

Summary of state and territorial plant quarantines affecting interstate shipments. Maude A. Thompson, Bureau of Entomology and Plant Quarantine. 116 p. (Miscellaneous Publication 80M., rev.) Price 20¢.

This revised publication is issued for the convenience of shippers, plant-quarantine inspectors, transportation agents, truckers, and others concerned in the interstate movement of nursery stock, fruits, vegetables, soil, and related materials.

Improving pastures and grasslands for the northeastern states at the U. S. Regional Pasture Research Laboratory. Agricultural Research Administration. 29 p., illus. (Miscellaneous Publication 590M.) Price 10¢.

This publication describes the work of the U. S. Regional Pasture Research Laboratory, State College, Pa., covering the complete program, the results obtained to date, and the continuing research.

Peacetime adjustments in farming. Interbureau Committee on Postwar Programs in cooperation with the Land-Grant Colleges. 52 p., illus. (Miscellaneous Publication 595M.) Price 20¢. See page 1.

Planning your farmstead wiring and lighting. Rural Electrification Administration. 31 p., illus. (Miscellaneous Publication 597M.) Price 15¢.

This booklet is not intended to show you how to wire your farm but will help you to plan the type of wiring that will enable you to use electricity profitably and safely.

The home demonstration agent. Extension Service. 38 p., illus. (Miscellaneous Publication 602M.) Price 15¢.

This publication tells how the county home demonstration agent has gone about helping farm families to improve their homemaking. It also suggests some of the trends in rural life that she will want to take into account in planning her work in the future.

OTHER PUBLICATIONS

Bibliography on cork oak. Roberta C. Watrous and Helen V. Barnes. Library. 66 p. (Bib. Bul. 7.) Price 15¢.

This bibliography includes references to the literature on the cork oak and its culture; the stripping, treatment, and properties of cork; and the cork industry and trade of various countries. Material dealing exclusively with the manufacture of cork products is omitted.

La cura de la vainilla. Francisca E. Arana. Office of Experiment Stations. 22 p., illus. (Puerto Rico Circular 25PRC.) Price 10¢. For sale only.¹

This is the Spanish edition of Puerto Rico Circular 25, The Curing of Vanilla.

National forest areas. Lyle F. Watts. Forest Service. (15 p.)

A report on the National Forest Areas as of June 30, 1945.

The 12th annual report of the Farm Credit Administration, 1944-45. 123 p. Price 25¢. For sale only.¹

SERVICE AND REGULATORY MATERIAL

Modification of Japanese beetle quarantine regulations. Effective March 18, 1946. Bureau of Entomology and Plant Quarantine. (BEPO-Q-48. Amdt. 1.)

Service and regulatory announcements. Bureau of Animal Industry. January 1946. Pp. 1-4. (S. R. A.-B. A. I. 465.) ; February 1946. Pp. 5-10. (S. R. A.-B. A. I. 466.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

SOIL SURVEYS

Indiana, Martin County. (Series 1936, No. 23.) 72 p., illus. Price 50¢.

Utah, the Salt Lake Area. (Series 1936, No. 22.) 83 p., illus. Price 50¢.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

TECHNICAL BULLETINS

Compositional changes in the date fruit during growth and ripening. G. L. Rygg. Bureau of Plant Industry, Soils, and Agricultural Engineering. 51 p., illus. (Technical Bulletin 910T.) Price 15¢.

This bulletin describes the changes in the chemical composition of the Deglet Noor and Barhee varieties that occurred during the period 6 weeks after pollination to the end of the harvest period.

PERIODICALS

The agricultural situation. Vol. 30, No. 4, April 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agricultural decisions. Vol. 5, No. 1, January 1946; Vol. 5, No. 2, February 1946. Price of single copy varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.¹

Agriculture in the Americas. Vol. VI, No. 4, April 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 8, No. 4, April 1946. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XII, No. 4, April 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Experiment station record. Vol. 94, No. 3, March 1946; Vol. 94, No. 4, April 1946. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25, single numbers 20¢ a copy. Foreign subscription per volume, \$2.00 a year.¹

Extension service review. Vol. 17, No. 4, April 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 10, No. 4, April 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

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——— Index to Vol. 71, July 1–December 15, 1945.

——— Vol. 72, No. 7. April 1, 1946. Illus. Contents:

Sporidial fusion in *Ustilago maydis* (Key No. G-1350). Donald H. Bowman.

Utilization of nitrates by the coffee plant under different sunlight intensities (Key No. Hawaii-8). T. Tanada.

Relation of color-inhibiting factor to smudge resistance in onion (Key No. G-1347). H. A. Jones, J. C. Walker, T. M. Little, and R. H. Larson.

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Publication No.	Series	Title

— Vol. 72, No. 8. April 15, 1946. Illus. Contents:

Development of the immature stages of *Anastrepha serpentina* in relation to temperature (Key No. K-337). John G. Shaw and Donald F. Starr.

Studies in the chemistry of grass silage (Key No. Mass.-53). J. G. Archibald.

The relation between number of ears opened and the amount of grain taken by redwings in cornfields (Key No. Mich.-46). D. W. Hayne.

News for farmer cooperatives. Vol. 13, No. 1, April 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Rural electrification news. Vol. 11, No. 7, March 1946; Vol. 11, No. 8, April 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.50 a year, foreign.¹

Soil conservation. Vol. XI, No. 10, April 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16 mm. and 35 mm. widths. Films in the 16 mm. size are available from State film libraries; 35 mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 73 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

BOB MARSHALL COMES HOME. 2 reels, 16 mm. and 35 mm. sound; released 1946. Bob Marshall, Electrician's Mate, Second Class, returns home to find that the REA Co-op in his community has failed to build electric lines out to his farm because he lives in an isolated area, too far removed from the main line. He and his three neighbors are cut off from electrification because the REA Board of Directors (farmers all) believe that putting up four miles of construction work in order to reach four families would not be good business. The Board is finally persuaded by one of its members that REA Co-ops are in the business—not for profits, but for service. The Board's action strengthens Bob's faith in his country and the democratic way of working together.

FARMERS FACE THE FUTURE. 2 reels, 16 mm. and 35 mm. sound; released 1946; 20 minutes. The first section of this film shows the gigantic accomplishment of American agriculture during the war years. The second part is concerned with the problems the farmer will face in the post-war world. Such measures as soil conservation, reforestation, reseeding of grazing lands, increased farm mechanization, etc., are indicated, and the farmer is advised to keep abreast of the times through keeping informed.

HAY IS WHAT YOU MAKE IT. 2 reels, 16 mm. sound; in color, released 1946. 21 minutes. How to improve the quality of hay by cutting it at the right stage of growth; curing it properly in order to preserve the green color and thus save vitamins; and retaining the leaves to save the proteins.

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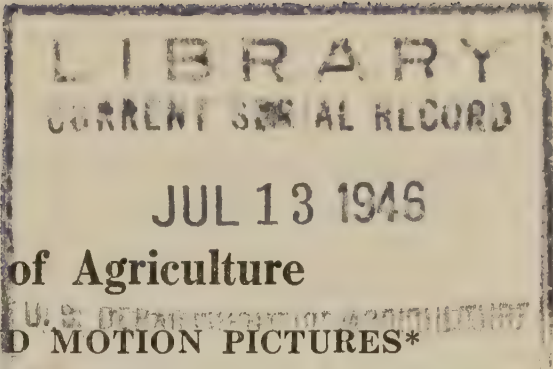
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MAY 1946

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BULLETIN OF THE MONTH

“Home Freezing of Fruits and Vegetables”
Agricultural Information Series 48

This folder contains instructions and illustrations for preparing fruits and vegetables for the home freezer or neighborhood locker plant.

AGRICULTURAL INFORMATION SERIES

Home freezing of fruits and vegetables. Bureau of Human Nutrition and Home Economics in cooperation with Bureau of Agricultural and Industrial Chemistry. Supersedes AWI 100. [24] p., illus. (AIS-48.) See above.

Your job as a work leader. Extension Service. Supersedes AWI 96. Folder, illus. (AIS-49.)

The duties of a work leader for the Victory Farm Volunteers are outlined.

CIRCULARS

Descriptions of and key to American potato varieties. C. F. Clark and P. M. Lombard, Bureau of Plant Industry, Soils, and Agricultural Engineering. 50 p., illus. (Circular 741C.) Price 10¢.

The key and descriptions given here should prove very useful to inspectors of fields producing seed stock for certification, to the Federal-State inspection service, and to other Federal and State agents who have to identify potato varieties for certification as well as to those who are training inspectors.

MISCELLANEOUS PUBLICATIONS

Aerobic mesophilic sporeforming bacteria. Nathan R. Smith, Ruth E. Gordon, and Francis E. Clark. Bureau of Plant Industry, Soils, and Agricultural Engineering. 112 p., illus. (Miscellaneous Publication 559M.) Price 25¢. Free distribution restricted.

This is a classification key for use in identifying culture of sporeforming bacteria.

*Compiled by Eleanor W. Clay, Office of Information.

Prewar world production and consumption of plant foods in fertilizers. K. G. Clark and Mildred S. Sherman. Bureau of Plant Industry, Soils, and Agricultural Engineering. 56 p., illus. (Miscellaneous Publication 593M.) Price 20¢.

A report, chiefly statistical, which will be of value to those seeking a solution of the fertilizer supply and requirement problem that may follow reoccupation of conquered territories and in planning of postwar relief and rehabilitation programs.

Our American land: The story of its abuse and its conservation. Hugh H. Bennett. Soil Conservation Service. 31 p., illus. (Miscellaneous Publication 596M.) Price 10¢.

The meaning of soil conservation, its uses, value, and method of application, is explained.

Questions and answers on Government inspection of processed fruits and vegetables. F. L. Southerland and Elinore T. Linderer. Production and Marketing Administration. 26 p., illus. (Miscellaneous Publication 598M.) Price 10¢.

Answers are given to questions that have arisen with regard to Government inspection of canned, frozen, dried, and dehydrated products.

Water and our forests. Bernard Frank and Clifford A. Betts, Forest Service. 29 p., illus. (Miscellaneous Publication 600M.) Price 10¢.

This is a popular presentation of the relationship of water to our soil and forests.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements, October-December 1945. Bureau of Entomology and Plant Quarantine. Pp. 51-90. (S. R. A.-B. E. P. Q. 165.)

TECHNICAL BULLETINS

Relation of soil reaction to toxicity and persistence of some herbicides in greenhouse plots. Annie M. Hurd-Karber. Bureau of Plant Industry, Soils, and Agricultural Engineering. 31 p., illus. (Technical Bulletin 911T.) Price 10¢.

The main purpose of the investigation described in the present bulletin was to determine by greenhouse experiments whether soil reaction is also a factor in the effectiveness of other herbicides—ammonium and sodium thiocyanates, sodium arsenite, ammonium sulfamate, and borax—chlorate being used in parallel tests as a standard for comparison.

Methods of making potato silage and tests of its feeding value for dairy cows. J. B. Shepherd, T. E. Woodward, and C. G. Melin, Bureau of Dairy Industry. 14 p. (Technical Bulletin 914T.)

As a result of the experiments described herein a better disposition of cull and surplus potatoes can possibly be made by feeding them to dairy cattle.

OTHER PUBLICATIONS

Annual Report of the Federal Experiment Station in Puerto Rico, 1944. (In Spanish.) Office of Experiment Stations. 55 p. Distribution restricted.

When we appraise your farm. Farm Credit Administration. [10] p., illus. (FCA-Cir. 13, rev.)

The duties of Federal land bank appraisers are described.

PERIODICALS

The agricultural situation. Vol. 30, No. 5. May 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture in the Americas. Vol. VI., No. 5. May 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

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FREEZING FRUITS AND VEGETABLES. 1½ reels; in color; released 1946.
Running time 15 minutes. Made under the supervision of specialists of the Bureau of Human Nutrition and Home Economics.

Freezing is the newest development in a thousand years of food preservation progress. Freezer locker plants and home freezers are bringing to the average family foods that kings never before enjoyed. The film tells the story, step by step. It shows how to prepare and package fruits and vegetables for freezing in a home freezer or in a commercial locker plant. It illustrates with step-by-step close-ups, recommended methods for corn, broccoli, strawberries, and peaches. It demonstrates special home-made equipment for filling and sealing packages. It gives you the answer to such questions as—

How long to scald vegetables.

How to keep fruit from darkening.

How to sweeten fruit.

How to seal different types of containers.

This film will help you to achieve an everyday miracle of bringing spring and summer goodness to the dining table the year round.

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BULLETIN OF THE MONTH

"Savory Herbs: Culture and Use"

Farmers' Bulletin 1977

This bulletin is written for those who like to garden or to embark on adventures in cooking. The cooking suggestions offered cover mainly the herbs and herb combinations to use with specific foods and directions for drawing out and improving herb flavors.

AGRICULTURAL INFORMATION SERIES

Some questions and answers on where and how to get a farm. Marshall Thompson. Bureau of Agricultural Economics. [4] p. (AIS-19, rev.)

The purpose of this revised pamphlet is to answer some of the questions received from servicemen and veterans who want to farm.

CIRCULARS

Diseases of cultivated guayule and their control. W. A. Campbell and John T. Presley. Bureau of Plant Industry, Soils, and Agricultural Engineering. 42 p., illus. (Circular 749C.) Price 15¢.

The importance, preventive measures and control methods of susceptible diseases of the rubber-producing plant guayule are reported.

FARMERS' BULLETINS

Squab raising. Alfred R. Lee and Sheppard K. Haynes. Bureau of Animal Industry. 25 p., illus. (Farmers' Bulletin 684F., rev.)

This revised bulletin discusses the general management of pigeons for the production of squabs for market.

Savory herbs: Culture and use. M. S. Lowman and Miriam Birdseye. Bureau of Plant Industry, Soils, and Agricultural Engineering and Extension Service. 33 p., illus. (Farmers' Bulletin 1977F.) Price 10¢. See above.

MISCELLANEOUS PUBLICATIONS

Fertilizers and lime in the United States: Resources, production, marketing, and use. Bureau of Plant Industry, Soils, and Agricultural Engineering, with assistance from the Agricultural Adjustment Agency, the Bureau of Agricultural Economics, and the Farm Credit Administration. 94 p., illus. (Miscellaneous Publication 586M.)

A factual review is given of data relating to resources, production, marketing, and use of fertilizers and lime as well as information of basic importance to all who are concerned with or interested in the formulation of a national policy in respect to these materials.

*Compiled by Eleanor W. Clay, Office of Information.

A vegetable gardener's handbook on insects and diseases. W. H. White and S. P. Doolittle. Bureau of Entomology and Plant Quarantine and Bureau of Plant Industry, Soils, and Agricultural Engineering. Supersedes Miscellaneous Publication 525. 30 p., illus. (Miscellaneous Publication 605M.) Price 15¢.

This revised publication has been prepared to aid the gardener in identifying the more common insects and related forms and the more common diseases that attack vegetable gardens in the United States and to provide him with simple directions for the control of these pests.

OTHER PUBLICATIONS

Food consumption levels in the United States, Canada, and the United Kingdom. Production and Marketing Administration. 58 p., illus. Price 15¢.

Third report of food consumption levels by a Special Joint Committee set up by the Combined Food Board.

Physical land conditions in Anderson County, South Carolina. Soil Conservation Service. 46 p., illus. (PLS-38.) Price 20¢. Free distribution restricted.

This is a detailed survey of the soils, slopes, existing kinds and degrees of erosion, and present land use of Anderson County, South Carolina.

Report of cooperative extension work in agriculture and home economics, 1945. M. L. Wilson, Extension Service. 43 p.

Report of the Federal Experiment Station in Puerto Rico, 1945. Office of Experiment Stations. 62 p. Price 15¢. For sale only.¹

SERVICE AND REGULATORY MATERIAL

Rules and regulations governing the Federal Seed Act. Production and Marketing Administration. 48 p. Issued March 1940. Reissued with amendments February 1946. (S. R. A.-P. M. A. 156.)

This announcement was formerly issued as Service and Regulatory Announcements No. 156 by the former Agricultural Marketing Service. The administration of these rules and regulations is now a function of the Production and Marketing Administration.

Service and regulatory announcements. Bureau of Animal Industry. March 1946. Pp. 11-16. (S. R. A.-B. A. I. 467); April 1946. Pp. 17-25. (S. R. A.-B. A. I. 468.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

PERIODICALS

The agricultural situation. Vol. 30, No. 6. June 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 5, No. 3, March 1946. Vol. 5, No. 4, April 1946. Price of single copy varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.¹

Agriculture in the Americas. Vol. VI, Nos. 6-7. June-July 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 8, No. 6. June 1946. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' Guide. Vol. XII, No. 6. June 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Experiment station record. Vol. 94, No. 5. May 1946. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25, single numbers 20¢ a copy. Foreign subscription per volume, \$2.00 a year.¹

Extension service review. Vol. 17, Nos. 6 and 7. June-July 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 10, Nos. 6-7. June-July 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign.¹ The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

———— Vol. 72, No. 11. June 1, 1946. Illus. Contents:

The construction and installation of thermocouples for biological research (Key No. N. H.-7). Russell Eggert.

———— Vol. 72, No. 12. June 15, 1946. Contents:

Blood levels of calcium and inorganic phosphorus in Hereford cattle (Key No. Colo.-16). Merle G. Payne, Andrew G. Clark, H. E. Kingman, and William M. Stansbury.

Effect of maturity on the chemical composition and digestibility of the stems and leaves of sweetclover hay (Key No. Wash.-40). Jerry Sotola.

Land policy review. Vol. IX, No. 2. Summer 1946. Quarterly. Price 10¢ a copy, 30¢ a year.¹

Rural electrification news. Vol. 11, No. 10, June 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. XI, No. 12. June-July 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 73 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

OUR CHILDREN. ½ reel, 16 mm. and 35 mm., black and white. This film, adapted primarily for use in the Famine Emergency Relief Program, tells the story of the world's thin, hungry, homeless children who have lived their few years under the impact of war. These children are the citizens of tomorrow—but today they are the blameless. Food from the more fortunate countries is helping to bring relief. By helping them, we will be helping our own children and grandchildren to live in a world free from war and death and destruction.

SOME PICKIN'. 2 reels, 16 mm., black and white. Running time, 20 minutes. There is a real art to picking cotton—getting the most pounds of the highest quality cotton. Champion pickers do the job right, and to study "championship methods" the film is built around the National cotton picking contest held each year at Blytheville, Ark.

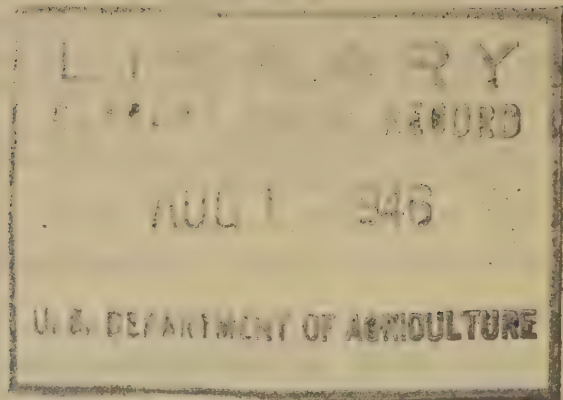
Available only from the Agricultural Extension Service film libraries in the following States: N. C., S. C., Ga., Ala., Miss., La., Texas, Okla., Ark., Tenn., Ariz., N. Mex., California, and Mo.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

JULY 1946

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BULLETIN OF THE MONTH

"Watch Your Step—Avoid Farm Accidents"

(Miscellaneous Publication 608)

An accident, right now, somewhere, is "looking for a place to happen." To help prevent your farm from being such a place is the aim of this booklet. It is designed to give the farmer an understanding of the problem and to suggest specific measures toward its solution.

FARMERS' BULLETINS

Sewage and garbage disposal on the farm. J. W. Rockey and J. W. Simons. Bureau of Plant Industry, Soils, and Agricultural Engineering. 28 p., illus. (Farmers' Bulletin 1950F., rev.) Price 10¢.

This revised bulletin is a guide to up-to-date methods for the sanitary disposal of sewage and other household and farm wastes. It tells how to construct satisfactory sanitary facilities and how to maintain them and gives special attention to the questions on sanitation asked most frequently by farm people.

LEAFLETS

House ants. E. A. Back. Bureau of Entomology and Plant Quarantine. 8 p., illus. (Leaflet 147L., rev.) Price 5¢.

This revised leaflet describes the species of ants which invade houses and suggests methods for their control.

MISCELLANEOUS PUBLICATIONS

Community canning centers. Production and Marketing Administration. 86 p., illus. (Miscellaneous Publication 544M., rev.) Price 25¢.

As a result of the development of interest in community canning centers many requests for information on their establishment and operation have been received. This publication, a revision, is intended to provide answers to these requests. A section has been added on the establishment and operation of small canning centers that use gas burners.

*Compiled by Eleanor W. Clay, Office of Information.

Watch your step—Avoid farm accidents. Safety Council, U. S. Department of Agriculture. Supersedes MP 481. 32 p., illus. (Miscellaneous Publication 608M.) Price 10¢. See p. 1.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements. Bureau of Animal Industry. May 1946. Pp. 27–30. (S. R. A.–B. A. I. 469.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.¹

TECHNICAL BULLETINS

Classification of barley varieties grown in the United States and Canada in 1945. Ewert Aberg and G. A. Wiebe. Bureau of Plant Industry, Soils, and Agricultural Engineering. 190 p., illus. (Technical Bulletin 907T.) Price 35¢. Free distribution restricted.

The purpose of this bulletin is to provide descriptions of the varieties of barley grown and a classification key by which they can be identified. The publication is intended for use primarily by agronomists, teachers, students, extension workers, maltsters, tradesmen, and farmers.

Preparation of ammonium nitrate for use as a fertilizer. William H. Ross, J. Richard Adams, J. Y. Yee, Colin W. Whittaker, and Katharine S. Love. Bureau of Plant Industry, Soils, and Agricultural Engineering. 80 p., illus. (Technical Bulletin 912T.) Price 20¢.

Results of investigations to produce a satisfactory ammonium nitrate fertilizer are summarized.

Investigations in erosion control and reclamation of eroded sandy clay lands of Texas, Arkansas, and Louisiana at the Conservation Experiment Station, Tyler, Tex., 1931–40. J. B. Pope, James C. Archer, P. R. Johnson, A. G. McCall, and F. G. Bell. Soil Conservation Service, in cooperation with the Texas Agricultural Experiment Station. 76 p., illus. (Technical Bulletin 916T.) Price 20¢.

Results of 10 years of research relating to soil and water conservation in the Texas-Arkansas-Louisiana Sandy Lands Region are reported. The chief aims of these investigations were to establish ratings on soil and water losses for the problem area, to develop better methods of conserving the topsoil, and to maintain its fertility.

Feed consumption and the production of pork and lard. L. Jay Atkinson and John W. Klein. Bureau of Agricultural Economics. 21 p., illus. (Technical Bulletin 917T.) Price 10¢.

The purpose of this bulletin is to show the relationships between consumption of feed by hogs and output of pork and lard.

PERIODICALS

The agricultural situation. Vol. 30, No. 7. July 1946. Price 5¢ a copy, 50¢ a year, domestic; 75¢ a year, foreign.¹

Agricultural decisions. Vol. 5, No. 5. May 1946. Price of single copy varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.¹

Bibliography of agriculture. Vol. 9, No. 1. July 1946. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$5.50 a year, foreign.¹

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Experiment station record. Vol. 94, No. 6. June 1946; Vol. 95, No. 1. July 1946. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25, single copies 20¢ a copy. Foreign subscription per volume, \$2.00 a year.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

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———Vol. 73, No. 1. July 1, 1946. Illus. Contents:
Estimation and physiological role of solanine in the potato (Key No. Wis.-158). M. J. Wolf and B. M. Duggar.

———Vol. 73, No. 2. July 15, 1946. Illus. Contents:
Temporary immunity in alfalfa ordinarily susceptible to attack by the pea aphid (Key No. K-338). W. T. Emery.
Yellow wilt of sugar beet in Argentina (Key No. G-1353). C. W. Bennett and Carlos Munck.

News for farmer cooperatives. Vol. 13, No. 3. June 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Rural electrification news. Vol. 11, No. 11. July 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

MOTION PICTURES

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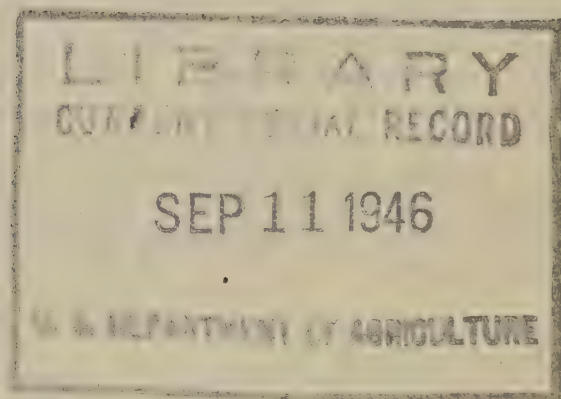
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Publica- tion No.	Series	Title

Home on the range. 1 reel, 16 mm. and 35 mm., sound, black and white. Running time, 10 minutes. Released 1942, revised 1946. An action picture, designed to show the range country busy at its big job of providing meat. Emphasizes improvements made through the Government's range program; the picturesque and practical realities of properly located water holes, windmills, and watering tanks; deferred grazing, and contoured furrows. A fast-action round-up follows, with brief scenes of branding and vaccine injection. The result—good lean grass stock to supply a part of the meat to make America strong.

Saving the garden crop. 1 reel, 16 mm. and 35 mm., sound, black and white. Running time, 13 minutes. Released 1944. In the opening scene we find Mother and Father, Judy and Jimmy deep in the study of seed catalogs, preparatory to planting their victory garden. The picture passes quickly to the happy harvest time when Mother wonders what they will do with all the surplus vegetables. Father decides to store them. The film then demonstrates the best method of storing onions, beans, peas, apples, carrots, salsify, squash, pumpkins, potatoes, sweet-potatoes, turnips, parsnips, and cabbage.

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BULLETIN OF THE MONTH

"Home Storage of Vegetables and Fruits" Farmers' Bulletin 1939

Detailed directions are given in this publication for handling fruits and vegetables that can be stored at home, both on the farm and in cities and towns. Combinations to be avoided and produce that cannot be stored at home are mentioned. A copy may be had upon request from the Office of Information.

CIRCULARS

Distinguishing characteristics of some forage-grass diseases prevalent in the North Central States. J. Lewis Allison and Donald W. Chamberlain. Bureau of Plant Industry, Soils, and Agricultural Engineering and University of Wisconsin. 16 p., illus. (Circular 747C.) Price 5¢.

This circular brings together the information available on the more important diseases of pasture and forage grasses in the north-central region of the United States. Emphasis is placed on the distinguishing characteristics of each disease.

Carrot production in the West and Southwest. Thomas W. Whitaker, John H. MacGillivray, John T. Middleton, and W. H. Lange. Bureau of Plant Industry, Soils, and Agricultural Engineering and California Agricultural Experiment Station. 32 p., illus. (Circular 750C.) Price 10¢.

A number of factors are important in producing a successful crop of carrots. Among these are the selection of suitable soils, proper preparation of the land prior to planting, adequate fertilization, irrigation whenever needed to insure good growth, and finally good handling and packaging techniques.

MISCELLANEOUS PUBLICATIONS

Use of the rapid whole-blood test for pullorum disease. Hubert Bunyea. Bureau of Animal Industry. 19 p., illus. (Miscellaneous Publication 349M., rev.) Price 10¢.

This is a revised publication. Title is self-explanatory.

*Compiled by Eleanor W. Clay, Office of Information.

Collection and preservation of insects. P. W. Oman and Arthur D. Cushman. Bureau of Entomology and Plant Quarantine. 42 p., illus. (Miscellaneous Publication 601M.) Price 15¢.

Needed guidance in the collection of different kinds of insects and in the preservation of such material in a manner that will permit definite identification is given.

SERVICE AND REGULATORY MATERIAL

Rule 1, revision 41. To prevent the spread of splenetic or tick fever in cattle. Bureau of Animal Industry. 4 p. (B. A. I. Order 380.) Effective June 20, 1946.

Service and regulatory announcements. Bureau of Animal Industry. June 1946. Pp. 31-36. (S. R. A.-B. A. I. 470.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.¹

TECHNICAL BULLETINS

Contribution to the morphology and anatomy of *Cryptostegia grandiflora*. Ernst Artschwager. Bureau of Plant Industry, Soils, and Agricultural Engineering. 40 p., illus. (Technical Bulletin 915T.) Price 15¢.

A comprehensive treatise on *Cryptostegia*, with a detailed description of the plant and the facts related to its introduction into the Western Hemisphere.

Polyploidy and aneuploidy in guayule. A. Dorothy Bergner. Bureau of Plant Industry, Soils, and Agricultural Engineering. 36 p., illus. (Technical Bulletin 918T.) Price 10¢.

This bulletin deals with chromosome studies of guayule.

OTHER PUBLICATIONS

Physical land conditions in Fenton Soil Conservation District, Genesee and Livingston Counties, Michigan. Soil Conservation Service. 41 p., illus. (PLS-39.) Price 20¢. Free distribution restricted.

This is a detailed survey of the soils, slopes, existing kinds and degrees of erosion, and present land use in Fenton Soil Conservation District, Genesee and Livingston Counties, Michigan.

PERIODICALS

The agricultural situation. Vol. 30, No. 8. August 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

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Consumers' guide. Vol. XII, No. 8. August 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Crops and markets. Vol. 23, No. 3. July 1946. Quarterly. Price 10¢ a copy, 40¢ a year, domestic; 55¢ a year, foreign.¹

Extension service review. Vol. 17, No. 8. August 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

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Fire control notes. Vol. 7, No. 2. July 1946. Price 15¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Foreign agriculture. Vol. 10, No. 8. August 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

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—— Vol. 73, No. 3. August 1, 1946. Illus. Contents:

Types of pods of *Asclepias syriaca* found in Michigan (Key [No.] Mich.-48). F. K. Sparrow.
Insecticidal properties of the indigobush (*Amorpha fruticosa*) (Key [No.] Okla.-34). Charles H. Brett.

Environmental modification of fiber properties as a source of error in cotton experiments (Key [No.] G-1354). D. M. Simpson and K. L. Hertel.

—— Vol. 73, No. 4. August 15, 1946. Illus. Contents:

Tests of direct seeding with pines in the Piedmont Region (Key No. F-104). W. E. McQuilkin.
A comparison of the effects of heat and X-rays on dormant seeds of cereals, with special reference to polyploidy (Key No. G-1360). Luther Smith.

News for farmer cooperatives. Vol. 13, No. 4, July 1946. Vol. 13, No. 5, August 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Rural electrification news. Vol. 11, No. 12. August 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. XII, No. 1. August 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

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POULTRY—A BILLION DOLLAR INDUSTRY. 3 reels, 16mm. and 35 mm., sound, released 1939, running time 28 minutes. Shows magnitude of the poultry industry in the United States; large and small poultry farms; hatcheries; markets; cold storage plants and the handling of poultry products in cold storage; production-line methods of dressing poultry; the liquid-egg business; education and consumer aspects. (Won first prize at the International Exposition of Agricultural Films in 1940.)

THERE'S MORE TIMBER IN TREES. 3 reels, 16 mm., sound, in color, released 1942, running time 32½ minutes. An old lumberjack carries you back to the "Hell Roaring Nineties" when he was a young fellow just starting out in the lumbering industry. He takes you through the cutting of the virgin forests in New England, the Lake States, and the South, finally winding up in the Northwest with "his back against the Pacific." Through his narrative you see the effect of forest cutting practices on labor, and the need of a nation-wide forest program to stop destruction of the resource, to keep forests producing, and to furnish more permanent jobs, better and more permanent communities.

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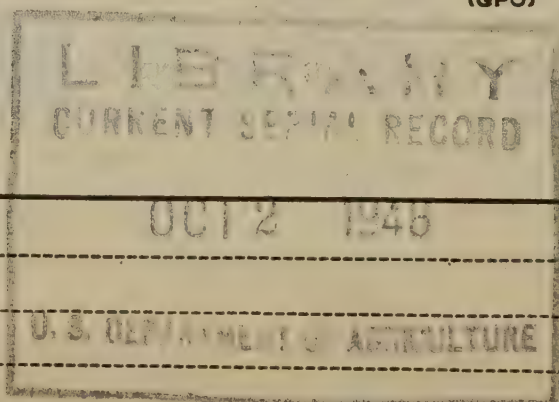
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Includes "THE BUSINESS SIDE OF FARMING," a last-minute news report on the economics of agriculture. Once a month, "THE AMERICAN FARMER" broadcasts a special 15-minute feature covering activities of the Department of Agriculture; and frequently presents programs directly from State colleges of agriculture.

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BULLETIN OF THE MONTH

"Making and Storing Farm Butter for Home Use" Farmers' Bulletin 1979

The purpose of this publication is to tell (1) how to make good farm butter for current use, and (2) how to make good butter that will keep well in storage.

AGRICULTURAL INFORMATION SERIES

Protect home-cured meat from insects. Extension Service and Bureau of Entomology and Plant Quarantine. Folder, illus. (AIS-52.) Supersedes AWI 32.

Describes pests of stored meat, and gives suggestions for prevention.

Preventing black rot losses in sweetpotatoes. J. S. Cooley and R. J. Haskell. Bureau of Plant Industry, Soils, and Agricultural Engineering and Extension Service. Folder, illus. (AIS-55.) Supersedes AWI 27.

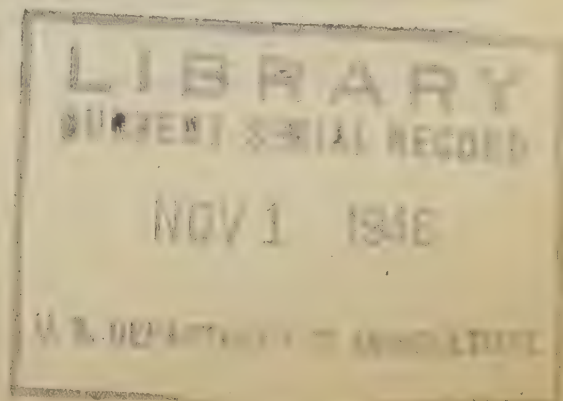
This disease is found in all sweetpotato-growing sections; it attacks all varieties. Practical recommendations for prevention are given.

CIRCULARS

Relation of temperature and seed moisture to the viability of stored soybean seed. Eben H. Toole and Vivian K. Toole. Bureau of Plant Industry, Soils, and Agricultural Engineering. 9 p., illus. (Circular 753C.) Price 5¢.

This information should help farmers and seedsmen to avoid unnecessary losses of planting seed. Plant breeders, also, will be interested in the possibility of preserving valuable seed stocks for very long periods.

*Compiled by Savannah D. Pierce, Office of Information.



FARMERS' BULLETINS

Making and storing farm butter for home use. William White. Bureau of Dairy Industry. 16 p., illus. (Farmers' Bulletin 1979F.) Price 10¢. See page 1.

MISCELLANEOUS PUBLICATIONS

Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1945-46. Betty T. Richardson. Office of Experiment Stations. 164 p. (Miscellaneous Publication 603M.) Price 25¢. Free distribution restricted.

Title is self-explanatory.

DDT and other insecticides and repellents developed for the armed forces. Prepared by the Orlando, Fla., Laboratory of the Bureau of Entomology and Plant Quarantine. 71 p., illus. (Miscellaneous Publication 606M.) Price 20¢. For sale only.

The materials and methods recommended for military conditions are applicable, with only slight modifications, for both military and civilian use under peacetime conditions.

The salt problem in irrigation agriculture. Research at the United States Regional Salinity Laboratory. H. E. Hayward and O. C. Magistad, with the assistance of the staff. Agricultural Research Administration. 27 p., illus. (Miscellaneous Publication 607M.) Price 5¢.

This publication describes the work of the Bankhead-Jones Laboratory at Riverside, California. It covers the complete program, the results obtained to date, and the continuing research.

TECHNICAL BULLETINS

Rapid photometric methods for determining rubber and resins in guayule tissue and rubber in crude-rubber products. Hamilton P. Traub. Bureau of Plant Industry, Soils, and Agricultural Engineering. 37 p., illus. (Technical Bulletin 920T.) Price 10¢.

Describes new, rapid photometric methods for the analysis of rubber and resins in small samples of guayule and of rubber in tissues of other plants and in crude-rubber products.

Effect of chloride and sulfate salts on the growth and development of the Elberta peach on Shalil and Lovell rootstocks. H. E. Hayward, E. M. Long, and Rachel Uhvits. Bureau of Plant Industry, Soils, and Agricultural Engineering. 48 p., illus. (Technical Bulletin 922T.) Price 15¢.

The importance of tree crops in the Western States and the possibility of injury of these crops as a result of salinity led to the initiation of sand-culture studies with trees. The results of the peach studies are summarized.

OTHER PUBLICATIONS

Dairy and poultry market statistics, 1945. Production and Marketing Administration. 70 p. (CS-18.) Price 25¢.

Title is self-explanatory.

[Title pages for] **Farmers' Bulletins Nos. 1951-1975, with contents.** [Office of Information.] 11 p. Price 5¢.

PERIODICALS

The agricultural situation. Vol. 30, No. 9. September 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

— Vol. 73, No. 6. September 15, 1946. Illus. Contents:

Some factors affecting the survival of artificially frozen fruit buds of peach (Key No. G-1361).
D. H. Scott and F. P. Cullinan.

Clockwise and counterclockwise spirality in the phyllotaxy of tobacco (Key No. [G]-1365).
H. A. Allard.

Storage quality of apples in relation to soil applications of boron (Key No. G-1359). Mark H.
Haller and L. P. Batjer.

Land policy review. Vol. IX, No. 3. Fall 1946. Quarterly. Price 10¢ a
copy, 30¢ a year, domestic; 40¢ a year, foreign.¹

News for farmer cooperatives. Vol. 13, No. 6, September 1946. Price 10¢ a
copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Rural electrification news. Vol. 12, No. 1. September 1946. Price 10¢ a
copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. XII, No. 2. September 1946. Price 10¢ a copy, \$1.00
a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16 mm. and 35 mm. widths. Films in the 16 mm. size are available from State film libraries; 35 mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 76 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

BATTLING BRUCellosIS. 2 reels, 16 mm., sound, color. Running time, 20 minutes. The film tells the story of a typical livestock owner's battle against the deadly germ of bovine brucellosis, or bang's disease, that long has been a scourge of the livestock industry and causes undulant fever in man. As the story, entitled "Battling Brucellosis" unfolds, the observer sees not only what stockmen and veterinarians can do on farms to curb the ravages of the disease but also how scientists conduct the diagnostic blood test and perform other technical services in laboratories. Animated diagrams portray the physiology of the disease and the route by which the germs of brucellosis commonly attack their victims.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

OCTOBER 1946

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This list will be sent free upon request. If you already receive it and have changed your address show your old address as well as new when you request that our records be changed.

BULLETIN OF THE MONTH

"National Food Guide"

Agricultural Information Series 53

This folder is the nutrition guide for well-balanced meals. You can get all the right kinds of food needed for health by using this simple guide—the Basic 7.

AGRICULTURAL INFORMATION SERIES

National food guide. Bureau of Human Nutrition and Home Economics. Folder, illus. (AIS-53.) Supersedes NFC-4. See above.

CIRCULARS

Anaplasmosis in cattle. Geo. W. Stiles. Bureau of Animal Industry. 11 p., illus. (Circular 154C., rev.) Price 5¢.

In this revised circular the nature, symptoms, and treatment of anaplasmosis in cattle are discussed.

FARMERS' BULLETINS

Incubation and brooding of chickens. M. A. Jull and A. R. Lee. Bureau of Animal Industry. 26 p., illus. (Farmers' Bulletin 1538F, rev.) Price 10¢.

In this revised bulletin the use of the incubator and the brooder is recommended as the most economical and labor-saving way of reproducing the flock.

Strip cropping for conservation and production. Harold E. Tower and Harry H. Gardner. Soil Conservation Service. 46 p., illus. (Farmers' Bulletin 1981F.) Supersedes Farmers' Bulletin 1919. Price 10¢.

The kinds of strip-cropping, the factors influencing their use, methods of application, value in conserving soil and moisture, and the adaptation of strip cropping to the various regions of the United States are discussed.

LEAFLETS

Silverfish. E. A. Back. Bureau of Entomology and Plant Quarantine. 4 p., illus. (Leaflet 149L., rev.) Price 5¢.

This leaflet has been revised to include the use of DDT in the control of this household pest.

*Compiled by Eleanor W. Clay, Office of Information.

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MISCELLANEOUS PUBLICATIONS

Make-overs from leather, fur, and felt. Clarice L. Scott. Bureau of Human Nutrition and Home Economics. 16 p., illus. (Miscellaneous Publication 614M.) Price 5¢.

Instructions for making useful articles from cast-off leather, fur, and felt are given.

SOIL SURVEYS

New York, Sullivan County. (Series 1938, No. 8.) 99 p., illus. Price 55¢.

Pennsylvania, Union County. (Series 1940, No. 2.) 115 p., illus. Price 60¢.

TECHNICAL BULLETINS

Variability of certain seed, seedling, and young-plant characters in guayule. Walter T. Federer. Bureau of Plant Industry, Soils, and Agricultural Engineering. 25 p. (Technical Bulletin 919T.) Price 10¢.

The genetic relationship of plant characters to the improvement of rubber yield in guayule is treated.

OTHER PUBLICATIONS

Directory of the Meat Inspection Division. Corrected to July 1, 1946. Production and Marketing Administration. Price 15¢.

Physical land conditions in the Farm Security Soil Conservation District, Harmon County, Okla. Ralph H. Bond. Soil Conservation Service. 41 p., illus. (PLS-40.) Price 20¢. Free distribution restricted.

This is a detailed survey of the soil types, slopes, and kind and degree of soil erosion, also the use made of the land in Farm Security Soil Conservation District, Harmon County, Okla.

Popular publications for the farmer and homemaker. Eleanor W. Clay. Office of Information. 36 p. (List No. 5, rev.)

The publications included in this list are of general interest to farmers and homemakers. Instructions for ordering are given and blanks are provided for this purpose.

PERIODICALS

The agricultural situation. Vol. 30, No. 10. October 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 5, No. 8. August 1946. Price of single copy varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.¹

Agriculture in the Americas. Vol. VI, No. 10. October 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year foreign.

Bibliography of agriculture. Vol. 9, No. 4. October 1946. Price 40¢ a copy, \$4.50 a year, domestic; \$5.50 a year, foreign.¹

Consumers' guide. Vol. XII, No. 10. October 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Experiment station record. Vol. 95, No. 3. September 1946. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25, single copies 20¢ a copy. Foreign subscription per volume, \$2.00 a year.¹

Extension service review. Vol. 17, No. 10. October 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 10, No. 10. October 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to noncommercial institutions.

Separates, 5¢, domestic; 8¢ foreign.¹ The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

- Vol. 73, Nos. 7 and 8. October 1 and 15, 1946. Illus. Contents:
- Effect of time and conditions of cure on the carbohydrate composition of sweetpotatoes and the properties of their starches (Key No. Kans.-101). H. N. Barham and J. A. Wagoner.
- Bacterial spot of native golden currant (*Ribes aureum*) (Key No. G-1362). G. W. Bohn and J. C. Maloit.
- Haploidy in einkorn (Key No. G-1351). Luther Smith.
- News for farmer cooperatives. Vol. 13, No. 7. October 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹
- Rural electrification news. Vol. 12, No. 2. October 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹
- Soil conservation. Vol. XII, No. 3. October 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

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MOTION PICTURES

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THE CROP THAT NEVER FAILS. 1 reel, 16 mm., sound, black and white. Running time, 8 minutes. The film briefly illustrates the principal agricultural events since World War I and suggests that the American farmer draw a lesson from the past to insure security for himself and his family. The story opens with views of foodstuffs being sent overseas and distributed. This is followed by shots of the bumper crops during the first year of peace. A farm family, enjoying the current high returns of agricultural prosperity, is shown planning for the postwar years.

A typical present day farmer is seen contemplating purchases for his farm. He examines the selling features of new equipment. But as he thinks of today's plans, he remembers other events of the past. The picture flashes back and we see that the American farmer has not always been as prosperous as today. That in various sections of the United States, he has severely suffered from the weather and unstable economic conditions.

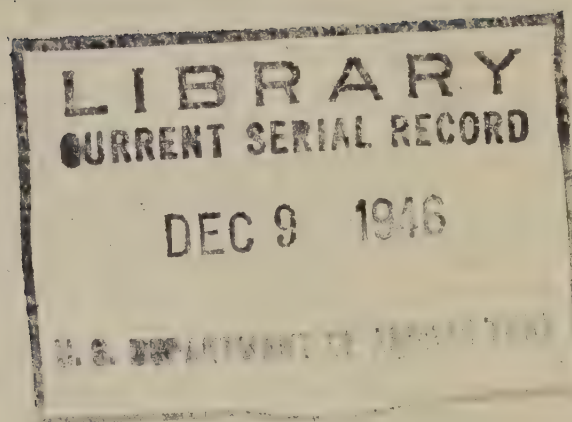
We see views of the dust storms in the Southwest in 1936; the frequent menace of swarms of grasshoppers; the floods in Ohio, Kentucky, and Tennessee in 1937; and the most recent drought in Arizona in July of this year. The story recalls the unstable agricultural economic conditions following World War I. The high prices for land and commodities, at that time are graphically illustrated by means of animation. The farm auction sales which featured the depression of 1933 and 1934 are shown with footage shot at that time.

With these past events as a reminder, the present-day farmer is urged to buy wisely and only what he really needs to maintain his business in sound operating condition. A strong financial reserve is stressed as being equally important as keeping the land, buildings, equipment, and livestock in the best possible condition. U. S. Treasury Savings Bonds are shown as the best type of financial reserve. The story closes with a typical American farm family looking to the future with confidence and the feeling of security.

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AGRICULTURAL INFORMATION SERIES

Sweetpotato recipes. Bureau of Human Nutrition and Home Economics. 12 p., illus. (AIS-58.)

Food for the family with young children. Bureau of Human Nutrition and Home Economics. [16] p., illus. (AIS-59).

CIRCULARS

Effect of parboiling and related treatments on the milling, nutritional, and cooking quality of rice. Jenkin W. Jones, Lawrence Zeleny, and John W. Taylor. Bureau of Plant Industry, Soils, and Agricultural Engineering and Production and Marketing Administration. 15 p. (Circular 752C.) Price 5¢.

FARMERS' BULLETINS

Crotalaria culture and utilization. Roland McKee, G. E. Richey, J. L. Stephens, and H. W. Johnson. Bureau of Plant Industry, Soils, and Agricultural Engineering. 17 p., illus. (Farmers' Bulletin 1980F.) Price 10¢.

LEAFLETS

Housefly Control. F. C. Bishopp and L. S. Henderson. Bureau of Entomology and Plant Quarantine. 9 p., illus. (Leaflet 182L., rev.) Price 5¢.

MISCELLANEOUS PUBLICATIONS

Federal legislation, rulings, and regulations affecting the State agricultural experiment stations. Office of Experiment Stations. 52 p. (Miscellaneous Publication 515 M., rev.) Price 15¢. Free distribution restricted.

Standardization and inspection of fresh fruits and vegetables. Raymond L. Spangler. Production and Marketing Administration. 28 p., illus. (Miscellaneous Publication 604M.) Price 10¢.

Poultry disease investigations at the U. S. Regional Poultry Research Laboratory. Agricultural Research Administration. 27 p., illus. (Miscellaneous Publication 609M.) Price 10¢.

*Compiled by Eleanor W. Clay, Office of Information.

List of publications of the United States Department of Agriculture from January 1941 to December 1945, inclusive. Bertha Louise Zoeller and Mabel Hunt Doyle. Office of Information. 56 p. (Miscellaneous Publication 611M.)

Fire fighting on the farm. A. T. Holman. Bureau of Plant Industry, Soils, and Agricultural Engineering, in cooperation with the Extension Service. 54 p., illus. (Miscellaneous Publication 612M.) Price 15¢.

List of sires proved in Dairy-Herd-Improvement Associations, 1946. Bureau of Dairy Industry. 130 p. (Miscellaneous Publication 613M.) Price 25¢. Free distribution restricted.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements. Bureau of Animal Industry. September 1946. Pp. 53-56. (SRA-BAI 473.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

SOIL SURVEYS

California, Kings County. (Series 1938, No. 9.) 102 p., illus. Price \$1.00.

Indiana, Fulton County. (Series 1937, No. 17.) 82 p., illus. Price 50¢.

Pennsylvania, Bucks County. (Series 1936, No. 25.) 86 p., illus. Price 60¢.

TECHNICAL BULLETINS

Studies on the germination of guayule seed. Harris M. Benedict and Jeanette Robinson. Bureau of Plant Industry, Soils, and Agricultural Engineering. 48 p., illus. (Technical Bulletin 921T.) Price 10¢.

Estimation of the composition of beef carcasses and cuts. O. G. Hankins and Paul E. Howe. Bureau of Animal Industry. 20 p., illus. (Technical Bulletin 926T.) Price 10¢.

Results of inbreeding grade Holstein-Friesian cattle. T. E. Woodward and R. R. Graves. Bureau of Dairy Industry. 39 p., illus. (Technical Bulletin 927T.) Price 10¢.

Home canning processes for low-acid foods: Developed on the basis of heat penetration and inoculated packs. Edward W. Toepfer, Howard Reynolds, Gladys L. Gilpin, and Katherine Taube, Bureau of Human Nutrition and Home Economics. 28 p., illus. (Technical Bulletin 930T.) Price 10¢.

OTHER PUBLICATIONS

Annual report on tobacco statistics, 1946. Production and Marketing Administration. 62 p. (CS-20).

Directory of the Bureau of Animal Industry. Corrected to July 1, 1946. Bureau of Animal Industry. 30 p. Price 10¢. For sale only.¹

Index-catalogue of medical and veterinary zoology. Part 7. Authors: H to JUSUKI. Albert Hassell, Mildred A. Doss, Dorothy B. Segal, and Gertrude B. Carson. Bureau of Animal Industry. Pp. 1755-2271. Price \$1.25. Free distribution restricted.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

- List of intercepted plant pests, 1945.** Bureau of Entomology and Plant Quarantine. 47 p.
- Picture Sheets.** 1 p., illus. Bureau of Entomology and Plant Quarantine. Price 5¢ each.
- Boll weevil.** Picture Sheet No. 15.
- Bollworm.** Picture Sheet No. 16.
- Cotton aphid.** Picture Sheet No. 17.
- Cotton Flea Hopper.** Picture Sheet No. 18.
- Cotton leafworm.** Picture Sheet No. 19.
- Red spider.** Picture Sheet No. 20.
- School lunch recipes for 100.** Bureau of Human Nutrition and Home Economics, in cooperation with Production and Marketing Administration. (PA-18). Set of 100 cards. Price \$1.00 a set. **For sale only.**¹

PERIODICALS

- The agricultural situation.** Vol. 30, No. 11. November 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹
- Agriculture in the Americas.** Vol. VI, No. 11. November 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹
- Consumers' guide.** Vol. XII, No. 11. November 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹
- Crops and markets.** Vol. 23, No. 4. October 1946. Quarterly. Price 10¢ a copy, 40¢ a year, domestic; 55¢ a year, foreign.¹
- Extension service review.** Vol. 17, No. 11. November 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15, foreign.¹
- Fire control notes.** Vol. 7, No. 3. October 1946. Quarterly. Price 15¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹
- Foreign agriculture.** Vol. 10, No. 11. November 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹
- Journal of agricultural research.** Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.
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——— Vol. 73, Nos. 9 and 10. November 1 and 15, 1946. illus.

Contents:

Seed production, viability, and dormancy in the nut-grasses *Cyperus rotundus* and *C. esculentus* (Key No. P-1). Oren L. Justice and Marvin D. Whitehead.

Changes in the chemical composition of the tung fruit and its component parts (Key No. G-1363). Harold M. Sell, Frederick A. Johnston, Jr., and Felix S. Lagasse.

News for farmer cooperatives. Vol. 13, No. 8. November 1946.

Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Rural electrification news. Vol. 12, No. 3. November 1946. Price

10¢ a copy, 75¢ a year, domestic; \$1.15, foreign.¹

Soil conservation. Vol. XII, No. 4. November 1946. Price 10¢ a

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FEEDING FARM ANIMALS. 2 reels, 16 mm. and 35 mm., sound, black and white. Released 1946. Running time, 10 minutes. The importance of feeding livestock in accordance with the work they are to do, or the products they are to furnish, is the topic of this film. In the main, the objective in filming this general discussion of feeding principles is to arouse in the livestock farmer a curiosity and an urge to explore more specific aspects of feeds and feeding through reading, through contacts with his county agricultural agent, his state agricultural college, and the Department of Agriculture. Formerly announced as *Come and Get It*.

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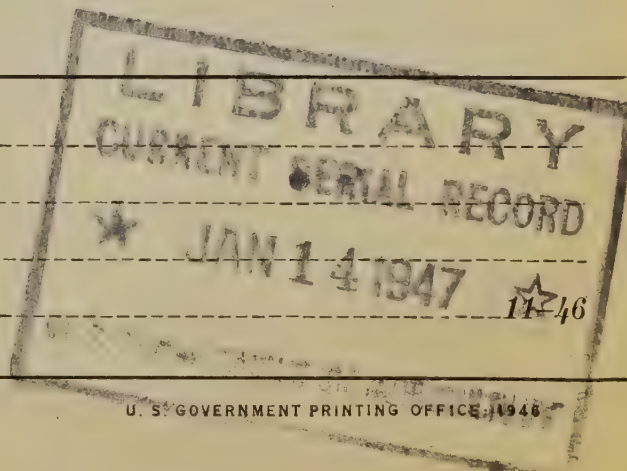
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BULLETIN OF THE MONTH**"Safe Water for the Farm"**

Farmers' Bulletin 1978

Information regarding the sanitary and engineering principles required in providing safe fresh water for rural homes and farms is the purpose of this bulletin.

CIRCULARS

Fowl typhoid. W. J. Hall. Bureau of Animal Industry. 9 p., illus. (Circular 755C.) Price 5¢.

Fowl typhoid is an acute infectious disease of chickens and other domesticated poultry. Control measures recommended include sanitation and elimination of carrier birds.

Consumption and trends in the use of fertilizer in the year ended June 30, 1944. A. L. Mehring, Hilda M. Wallace, and Mildred Drain. Bureau of Plant Industry, Soils, and Agricultural Engineering. 28 p. (Circular 756C.) Price 10¢.

Fertilizers are of greater importance to agriculture now than ever before. The results of this survey afford an opportunity to study present trends in use and some effects of the war by comparison with statistics for earlier periods. It is hoped that this circular will assist both Government and industry in formulating policies and in making recommendations for the future.

FARMERS' BULLETINS

Clearing land of brush and stumps. George R. Boyd. Bureau of Plant Industry, Soils, and Agricultural Engineering. 38 p., illus. (Farmers' Bulletin 1526F., rev.) Price 10¢.

Removing brush, trees, and stumps and preparing the ground for crops are at best laborious tasks. The labor, in many cases, can be greatly reduced if proper tools and methods are employed. Methods followed in different localities and the conditions under which their use is warranted are described in this revised bulletin.

* Compiled by Eleanor W. Clay, Office of Information.

Safe water for the farm. Harry L. Garver. Bureau of Plant Industry, Soils, and Agricultural Engineering. 46 p., illus. (Farmers' Bulletin 1978F.) (Supersedes Farmers' Bulletin 1448.) Price 15¢. See page 1.

MISCELLANEOUS PUBLICATIONS

Rural handicrafts in the United States. Allen Eaton and Lucinda Crile, with an introduction by M. L. Wilson. Extension Service. 40 p., illus. (Miscellaneous Publication 610M.) Price 20¢. For sale only.

This is a report of handicrafts in our rural areas. It will give extension workers necessary information for the proper organization of handicraft programs and will be useful to others interested in the growing rural-handicraft movement.

SERVICE AND REGULATORY MATERIAL

Notices of judgment under the Insecticide Act. Production and Marketing Administration. Pp. 609-629. (N. J., I. F. 1926-1949.)

SOIL SURVEYS

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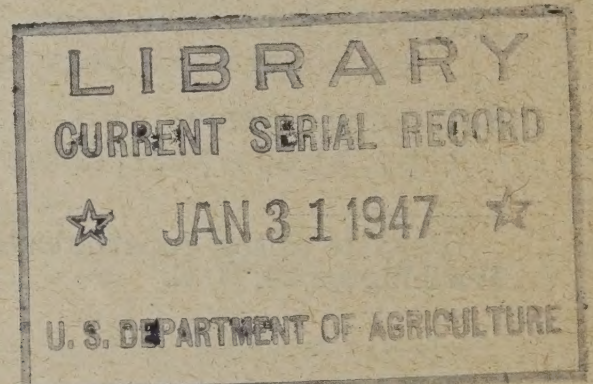
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